3. 발전소별 발전실적 (1)

('09.1.1~12.31) Power generating results by plant

('09.1.1~12.31)

구 분 / 발전소별	시설용량 (kW) Generating facilities	발전량 (MWh) Gross generation	평균전력 (kW) Average load	최대전력 (kW) Peak load	부하율 (%) Load factor	이용율 (%) Plant factor	소내전력량 (MWh) Auxiliary use	소내전력률 (%) Aux. use factor	송전단전력량 (양수포함) (MWh) Net generation	Items / Plants
화천	108,000	236,520	27,000	108,300	24.9	25.0	2,251	0.95	234,269	Hwacheon
춘천	59,940	137,260	15,669	67,300	23.3	26.1	1,710	1.25	135,550	Chuncheon
의암	45,000	150,387	17,167	46,000	37.3	38.1	1,942	1.29	148,445	Uiam
청평	79,600	250,968	28,649	73,400	39.0	36.0	3,821	1.52	247,147	Cheongpyeong
팔당	120,000	328,920	37,548	116,000	32.4	31.3	3,423	1.04	325,497	Paldang
섬진강	34,800	66,936	7,641	31,300	24.4	22.0	8,452	12.63	58,484	Seomjingang
강릉	82,000	-	-	-	-	-	-	-	-	Gangneung
안흥	480	1,662	190	437	43.4	39.5	40	2.42	1,621	Anheung
보성강	4,500	17,709	2,022	4,500	44.9	44.9	275	1.55	17,434	Boseonggang
괴산	2,600	5,762	658	2,700	24.4	25.3	102	1.77	5,660	Goesan
추산(도서)	700	3,481	397	658	60.4	56.8	166	4.76	3,315	Chusan (Island)
산청소수력	400	1,256	143	400	35.9	35.9	1	0.06	1,256	Sancheong
무주소수력	400	242	28	394	7.0	6.9	-	-	242	Muju
양양소수력	1,400	3,692	421	2,000	21.1	30.1	-	-	3,692	Yangyang
삼천포해양소수력	4,740	29,248	3,339	5,250	63.6	77.6	21	0.07	29,227	Samcheonpo
태안소수력	2,200	4,838	552	1,595	34.6	25.1	-	-	4,838	Taean
보령소수력	7,500	11,573	1,321	7,960	16.6	39.6	-	-	11,573	Boryeong
영흥해양소수력	3,000	12,265	1,400	3,448	40.6	46.7	-	-	12,265	Yeongheung
무주양수 #1	300,000	200,530	22,892	297,000	7.7	7.6	4,753	2.37	195,777	Muju pumping #1
#2	300,000	207,700	23,710	298,000	8.0	7.9	4,802	2.31	202,898	Muju pumping #2
계	600,000	408,230	46,602	594,000	7.8	7.8	9,555	2.34	398,675	Muju pumping total
청평양수 #1	200,000	82,765	9,448	205,000	4.6	4.7	591	0.71	82,174	Cheongpyeong pumping #1
#2	200,000	74,741	8,532	206,000	4.1	4.3	88	0	74,653	Ch'ongp'yeong pumping #2
계	400,000	157,506	17,980	411,000	4.4	4.5	679	0.43	156,827	Ch'ongp'yeong pumping Total
삼랑진양수 #1	300,000	193,436	22,082	300,331	7.4	7.4	-	-	193,436	Samrangjin pumping #1
#2	300,000	188,075	21,470	297,768	7.2	7.2	-	-	188,075	Samnangjin pumping #2
계	600,000	381,512	43,552	591,035	7.4	7.3	-	-	381,512	Samnangjin pumping Total
산청양수 #1	350,000	281,784	32,167	345,620	9.3	9.2	572	0.20	281,212	Sanchong pumping #1
#2	350,000	303,304	34,624	347,178	10.0	9.9	413	0.14	302,891	Sanchong pumping #2
계	700,000	585,088	66,791	680,180	9.8	9.5	985	0.17	584,103	Sanchong pumping Total
양양양수 #1	250,000	151,235	17,264	251,747	6.9	6.9	627	0.41	150,607	Yangyang pumping #1
#2	250,000	146,231	16,693	249,469	6.7	6.7	586	0.40	145,645	Yangyang pumping #2
#3	250,000	234,828	26,807	249,557	10.7	10.7	850	0.36	233,978	Yangyang pumping #3
#4	250,000	230,801	26,347	741,241	3.6	10.5	819	0.35	229,982	Yangyang pumping #4
계	1,000,000	763,095	87,111	1,482,482	5.9	8.7	2,882	0.38	760,213	Yangyang pumping Total
청송양수 #1	300,000	282,812	32,285	302,297	10.7	10.8	-	-	282,812	Cheongsong pumping #1
#2	300,000	249,748	28,510	309,112	9.2	9.5	-	-	249,748	Cheongsong pumping #2
계	600,000	532,561	60,795	611,409	9.9	10.1	-	-	532,561	Cheongsong pumping Total
한전, 자회사계	4,457,260	4,090,711	466,976	3,038,197	15.4	10.5	36,306	0.89	4,054,404	Total of KEPCO,Subsidiaries hydro

Pumped Hydro facilities

3. 발전소별 발전실적 (2)

('09.1.1~12.31) Power generating results by plant

구 분 / 발전소별	시설용량 (kW) Generating facilities	발전량 (MWh) Gross generation	평균전력 (kW) Average load	최대전력 (kW) Peak load	부하율 (%) Load factor	이용율 (%) Plant factor	소내전력량 (MWh) Auxiliary use	소내전력률 (%) Aux. use factor	송전단전력량 (양수포함) (MWh) Net generation	Items / Plants	
소양강 (타사)	200,000	559,256	63,842	200,000	31.9	31.9	6,204	1.11	553,052	Soyanggang	(Other co.)
대 청 (")	90,000	87,086	9,941	89,230	11.1	11.0	1,317	1.51	85,769	Daecheong	(")
충 주 (")	412,000	519,471	59,300	424,200	14.0	14.4	12,734	2.45	506,737	Chungju	(")
합 천 (")	100,000	51,258	5,851	386,400	1.5	5.9	611	1.19	50,647	Hapcheon	(")
주 암 (")	22,500	49,140	5,610	22,540	24.9	24.9	739	1.50	48,401	Juam	(")
임 하 (")	50,000	15,827	1,807	47,880	3.8	3.6	183	1.16	15,644	Imha	(")
남 강 (")	14,000	24,841	2,836	13,569	20.9	20.3	445	1.79	24,396	Namgang	(")
안 동 (")	90,000	54,369	6,207	67,060	9.3	6.9	1,518	2.79	52,852	Andong	(")
용 담 (")	22,100	63,862	7,290	98,000	7.4	33.0	1,134	1.78	62,727	Yongdam	(")
포 천 (소수력)	1,485	2,693	307	-	-	20.7	-	-	2,693	Pocheon	(small hydro)
임 기 (")	1,200	3,116	356	1,000	35.6	29.6	-	-	3,116	Imgi	(")
정 읍 (동 진) (")	2,000	2,408	275	-	-	13.7	-	-	2,408	Jeongeup	(")
방 우 리 (")	2,120	6,957	794	1,200	66.2	37.5	-	-	6,957	Banguri	(")
소 천 (")	2,400	5,656	646	2,300	28.1	26.9	-	-	5,656	Socheon	(")
덕 송 (")	2,600	6,295	719	-	-	27.6	-	-	6,295	Ducksong	(")
한 석 (")	2,214	6,860	783	-	-	35.4	-	-	6,860	Hanseok	(")
영 월 (")	2,800	-	-	-	-	-	-	-	-	Yeongwol	(")
금 강 (")	1,350	2,647	302	-	-	22.4	-	-	2,647	Geumgang	(")
봉 화 (")	2,000	5,318	607	4,000	15.2	30.4	-	-	5,318	Bonghwa	(")
산 내 (")	820	1,851	211	100	-	23.9	-	-	1,719	Sannae	(")
광 천 (")	450	1,925	220	452	48.6	48.8	-	-	2,427	Gwangcheon	(")
대 아 (")	3,000	3,349	382	-	-	12.7	-	-	3,349	Daea	(")
봉 정 (")	1,920	4,018	459	-	-	23.9	-	-	4,018	Bongjeong	(")
경 천 (")	800	1,767	202	1,000	20.2	25.2	-	-	1,767	Gyeongcheon	(")
반 변 (")	1,060	451	51	719	7.2	4.9	-	-	451	Banbyeon	(")
보 령 (")	701	668	76	165	46.2	10.9	-	-	3,606	Boryeong	(")
부 안 (")	193	736	84	174	48.3	43.6	-	-	733	Buan	(")
운 문 (")	330	781	89	322	27.7	27.0	-	-	781	Unmun	(")
성 주 (")	1,800	-	-	-	-	-	-	-	-	Seongju	(")
밀 양 (")	1,300	4,537	518	1,188	43.6	39.8	-	-	4,537	Milyang	(")
횡 성 (")	1,000	3,969	453	926	48.9	45.3	-	-	3,969	Hoengseong	(")
영 천 (")	1,000	483	55	223	24.7	5.5	-	-	483	Yeongcheon	(")
안 동 (")	1,500	3,763	430	1,474	29.1	28.6	-	-	3,763	Andong	(")
천 상 (")	250	255	29	-	-	11.6	-	-	255	Chunsang	(")
용 담 (")	4,100	19,611	2,239	3,932	56.9	54.6	-	-	19,115	Yongdam	(")
성 남 (")	340	1,290	147	333	44.2	43.3	-	-	1,290	Seongnam	(")
동 화 (")	1,000	1,461	167	-	-	16.7	-	-	1,461	Donghwa	(")
대 곡 (")	300	1,295	148	281	52.6	49.3	-	-	1,295	Daegok	(")
장 흥 댐 (")	800	3,644	416	839	49.6	52.0	-	-	3,644	Janghengdaem	(")
담 양 호 (")	1,274	1,025	117	-	-	9.2	-	-	1,025	Damyangho	(")

('09.1.1~12.31)

3. 발전소별 발전실적 (3)

('09.1.1~12.31) Power generating results by plant

구 분 / 발전소별	시설용량 (kW) Generating facilities	발전량 (MWh) Gross generation	평균전력 (kW) Average load	최대전력 (kW) Peak load	부하율 (%) Load factor	이용율 (%) Plant factor	소내전력량 (MWh) Auxiliary use	소내전력률 (%) Aux. use factor	송전단전력량 (양수포함) (MWh) Net generation	Items / Plants
장 성 (")	1,220	1,187	135	-	-	11.1	-	-	1,187	Jangseong (")
하동호 (")	825	1,234	141	-	-	21.3	-	-	1,234	Hadongho (")
합 천 (")	1,200	3,738	427	25,248	1.7	35.6	-	-	3,520	Hapcheon (")
달 방 (")	170	583	67	444	15.0	39.2	-	-	583	Dalbang (")
주 암 (")	990	2,018	230	995	23.2	24.9	-	-	2,018	Juam (")
백 곡 (")	430	393	45	-	-	10.4	-	-	393	Baekgok (")
원정수 (")	600	3,948	451	-	-	75.1	-	-	3,948	Wonjungsu (")
고 문 (")	1,500	4,242	484	-	-	32.3	-	-	4,242	Gomun (")
홍익동진 (")	850	1,118	128	-	-	15.0	-	-	1,118	Hongikdongjin (")
경천지구 (")	440	464	53	-	-	12.0	-	-	464	Kyeongcheon (")
율 현 (")	560	414	47	-	-	13.5	-	-	414	Yulhyeon (")
대청댐 (")	800	820	94	845	11.1	11.7	-	-	820	Daecheongdaem (")
성남 2 (")	360	1,356	155	360	43.0	43.0	-	-	1,356	Seongnam 2 (")
보령 2 (")	-	1,231	140	526	26.7	-	-	-	1,231	Boryeong 2 (")
한국해양 (")	1,000	-	-	-	-	-	-	-	-	Hankukhaeyang (")
성 주 (")	-	1,294	148	-	-	-	-	-	1,294	Seongju (")
보 성 (")	-	2,469	282	-	-	-	-	-	2,469	Boseong (")
대한보령 (")	1,100	-	-	-	-	-	-	-	-	Daehanboryeong (")
고 산 (")	560	4	0	-	-	0.1	-	-	4	Gosan (")
타사수력 계	1,057,312	1,550,452	176,992	877,017	20.2	16.9	852	0.05	1,235,182	Total of Other co. hydro
수 력 계	5,514,572	5,641,162	643,968	3,675,217	17.5	11.7	53,087	0.94	4,712,894	Total of hydro
영 동 #1	125,000	777,936	88,806	128,000	69.4	71.0	53,589	6.89	724,348	Yeongdong #1
#2	200,000	1,423,929	162,549	206,000	78.9	81.3	86,426	6.07	1,337,503	#2
계	325,000	2,201,865	251,354	334,000	75.3	77.3	140,015	6.36	2,061,851	Total
동 해 #1	200,000	1,581,246	180,507	211,238	85.5	90.3	143,956	9.10	1,437,290	Donghae #1
#2	200,000	1,555,994	177,625	211,994	83.8	88.8	145,257	9.34	1,410,737	#2
계	400,000	3,137,240	358,132	423,232	84.6	89.5	289,213	9.22	2,848,027	Total
군 산 #1	-	-	-	-	-	-	-	-	-	Kunsan #1
서 천 #1	200,000	1,200,145	137,003	210,000	65.2	68.5	107,886	8.99	1,092,259	Seocheon #1
#2	200,000	1,438,408	164,202	206,000	79.7	82.1	142,180	9.88	1,296,228	#2
계	400,000	2,638,553	301,205	415,000	72.6	75.3	250,066	9.48	2,388,487	Total
무연탄 계	1,125,000	7,977,658	910,692	1,102,790	82.6	81.0	679,294	8.51	7,298,364	Total of anthracite coal
호 남 #1	250,000	1,992,420	227,445	263,168	86.4	91.0	148,597	7.46	1,843,823	Honam #1
#2	250,000	1,833,907	209,350	260,460	80.4	83.7	137,311	7.49	1,696,597	#2
계	500,000	3,826,327	436,795	520,655	83.9	87.4	285,908	7.47	3,540,419	Total
삼천포 #1	560,000	4,157,420	474,591	575,000	82.5	84.7	276,353	6.65	3,881,067	Samchonpo #1
#2	560,000	4,118,278	470,123	574,000	81.9	84.0	248,415	6.03	3,869,863	#2
#3	560,000	4,742,694	541,403	577,000	93.8	96.7	247,844	5.23	4,494,850	#3
#4	560,000	4,086,406	466,485	579,000	80.6	83.3	212,626	5.20	3,873,780	#4
#5	500,000	4,392,312	501,405	524,000	95.7	100.3	167,006	3.80	4,225,306	#5
#6	500,000	4,067,230	464,296	529,000	87.8	92.9	164,540	4.05	3,902,690	#6
계	3,240,000	25,564,340	2,918,304	3,350,000	87.1	90.1	1,316,784	5.15	24,247,556	Total

('09.1.1~12.31)